

I.	Gram-positive		
A.	Catalase-		
1.	Acid from glucose.....	Staphylococcus	
2.	Glucose.....	Micromonas	
B.	Catalase+		
1.	Coccus.....	Streptococcus	
2.	Rod.....	Lactobacillus	
II.	Gram-negative		
A.	Oxidase-		
1.	Acid from lactose		
a.	Uses citric acid.....	Citrobacter	
b.	Citric acid+.....	Escherichia	
2.	Lactose-		
a.	H ₂ S produced		
(1)	Urease positive.....	Proteus	
(2)	Urease negative.....	Salmonella	
B.	Oxidases+		
1.	Rod.....	Pseudomonas	
2.	Coccus.....	Neisseria	